

WHAT IS CLAIMED IS:

1. <sup>5.9</sup><sub>01</sub> A method for secure downloading of a file from a network, comprising:
- receiving selection of a file;
  - receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;
  - verifying the file identifier based upon particular information related to the file;
  - verifying the order identifier based upon particular information related to the order; and
  - selectively downloading the file based upon the verification of the file identifier and the verification of the order identifier.
2. The method of claim 1 wherein the receiving step includes receiving selection of a uniform resource locator for the file.
3. The method of claim 1 wherein the verifying the file identifier step includes verifying a version identifier related to the file.
4. The method of claim 1 wherein the verifying the file identifier step includes verifying a uniform resource locator for the file.
5. The method of claim 4 wherein the verifying the file identifier step further includes determining whether the uniform resource locator is valid, active, non-suppressed, or charged.

6. The method of claim 4 wherein the verifying the file identifier step further includes verifying a cookie file associated with the order.

7. The method of claim 1 wherein the verifying the order identifier step includes verifying a customer identifier associated with the user.

8. The method of claim 1, further including verifying a transaction identifier associated with the order, and wherein the permitting step further includes permitting download of the file based upon the verification of the transaction identifier.

9. The method of claim 1 wherein the downloading step further includes selectively downloading the file based upon a number of requested downloads associated with the file identifier.

10. The method of claim 1 wherein the downloading step further includes selectively downloading the file based upon a number of successful downloads of the file.

11. The method of claim 1 wherein the downloading step further includes selectively downloading the file based upon a time parameter related to submission of the order.

12. The method of claim 1, further including storing the file in a temporary folder during the download.

13. The method of claim 1, further including requesting identification of a file name for storing the file during the download.

14. The method of claim 13, further including displaying a default identification as the file name for storing the file based upon an identification of the file.

15. ~~The method of claim 14, further including transmitting the generated order identifier for display to the user.~~

16. The method of claim 1 wherein the downloading step includes denying the download based upon a customer identifier associated with the user.

17. A method for converting file identifiers for use in generating default storage file names for the corresponding files, comprising:

receiving an identifier related to a file;

receiving from a user a request to download the file;

converting the identifier to a name related to content of the file; and

automatically displaying the name in a request for a file name for storing the file.

18. The method of claim 17 wherein the receiving the identifier step includes receiving a uniform resource locator related to the file.

19. The method of claim 18 wherein the converting step includes changing a format of the uniform resource locator to accommodate particular web browsers.

20. The method of claim 17 wherein the displaying step includes displaying a screen having a section displaying the name.

21. The method of claim 20 wherein the displaying the screen step includes permitting the user to enter a file name for storing the file.

22. The method of claim 17 wherein the converting step includes changing a network address associated with the file.

23. An apparatus for secure downloading of a file from a network, comprising:  
a selection module for receiving selection of a file;  
a receive module for receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;  
a file identifier module for verifying the file identifier based upon particular information related to the file;  
an order identifier module for verifying the order identifier based upon particular information related to the order; and  
a download module for selectively downloading the file based upon the verification of the file identifier and the verification of the order identifier.

24. The apparatus of claim 23 wherein the selection module includes a module for receiving selection of a uniform resource locator for the file.

25. The apparatus of claim 23 wherein the file identifier module includes a module for verifying a version identifier related to the file.

26. The apparatus of claim 23 wherein the file identifier module includes a module for verifying a uniform resource locator for the file.

27. The apparatus of claim 26 wherein the file identifier module further includes a module for determining whether the uniform resource locator is valid, active, non-suppressed, or charged.

28. The apparatus of claim 26 wherein the file identifier module further includes a module for verifying a cookie file associated with the order.

29. The apparatus of claim 23 wherein the order identifier module includes a module for verifying a customer identifier associated with the user.

30. The apparatus of claim 23, further including a module for verifying a transaction identifier associated with the order, and wherein the permission module further includes a module for permitting download of the file based upon the verification of the transaction identifier.

31. The apparatus of claim 23 wherein the download module further includes a module for selectively downloading the file based upon a number of requested downloads associated with the file identifier.

32. The apparatus of claim 23 wherein the download module further includes a module for selectively downloading the file based upon a number of successful downloads of the file.

33. The apparatus of claim 23 wherein the download module further includes a module for selectively downloading the file based upon a time parameter related to submission of the order.

34. The apparatus of claim 23, further including a module for storing the file in a temporary folder during the download.

35. The apparatus of claim 23, further including a module for requesting identification of a file name for storing the file during the download.

36. The apparatus of claim 35, further including a module for displaying a default identification as the file name for storing the file based upon an identification of the file.

37. The apparatus of claim 36, further including a module for transmitting the generated order identifier for display to the user.

38. The apparatus of claim 23 wherein the download module includes a module for denying the download based upon a customer identifier associated with the user.

5.6  
06 > 39. An apparatus for converting file identifiers for use in generating default storage file names for the corresponding files, comprising:

- an identifier module for receiving an identifier related to a file;
- a receive module for receiving from a user a request to download the file;
- a conversion module for converting the identifier to a name related to content of the file;

and

- a display module for automatically displaying the name in a request for a file name for storing the file.

40. The apparatus of claim 39 wherein the identifier module includes a module for receiving a uniform resource locator related to the file.

41. The apparatus of claim 40 wherein the conversion module includes a module for changing a format of the uniform resource locator to accommodate particular web browsers.

42. The apparatus of claim 39 wherein the display module includes a screen module for displaying a screen having a section displaying the name.

43. The apparatus of claim 42 wherein the screen module includes a module for permitting the user to enter a file name for storing the file.

44. The apparatus of claim 39 wherein the conversion module includes a module for changing a network address associated with the file.

sub  
97 > 45. A computer program product, comprising:  
a computer-readable medium containing instructions for controlling a computer system to perform a method for secure downloading of a file from a network, the method including:  
receiving selection of a file;  
receiving an order from a user for download of the selected file, the order including a file identifier related to the file and an order identifier related to the order;  
verifying the file identifier based upon particular information related to the file;  
verifying the order identifier based upon particular information related to the order; and  
selectively downloading the file based upon the verification of the file identifier and the verification of the order identifier.

46. The computer program product of claim 45 wherein the receiving selection step includes receiving selection of a uniform resource locator for the file.

47. The computer program product of claim 45 wherein the verifying the file identifier step includes verifying a version identifier related to the file.



48. The computer program product of claim 45 wherein the verifying the file identifier step includes verifying a uniform resource locator for the file.

~~49. The computer program product of claim 48 wherein the verifying the file identifier step further includes determining whether the uniform resource locator is valid, active, non-suppressed, or charged.~~

50. The computer program product of claim 48 wherein the verifying the file identifier step further includes verifying a cookie file associated with the order.

51. The computer program product of claim 45 wherein the verifying the order identifier step includes verifying a customer identifier associated with the user.

52. The computer program product of claim 45, further including verifying a transaction identifier associated with the order, and wherein the permitting step further includes permitting download of the file based upon the verification of the transaction identifier.

53. The computer program product of claim 45 wherein the downloading step further includes selectively downloading the file based upon a number of requested downloads associated with the file identifier.

54. The computer program product of claim 45 wherein the downloading step further includes selectively downloading the file based upon a number of successful downloads of the file.

55. The computer program product of claim 45 wherein the downloading step further includes selectively downloading the file based upon a time parameter related to submission of the order.

56. The computer program product of claim 45, further including storing the file in a temporary folder during the download.

57. The computer program product of claim 45, further including requesting identification of a file name for storing the file during the download.

58. The computer program product of claim 57, further including displaying a default identification as the file name for storing the file based upon an identification of the file.

59. The computer program product of claim 58, further including transmitting the generated order identifier for display to the user.

60. The computer program product of claim 45 wherein the downloading step includes denying the download based upon a customer identifier associated with the user.

5x  
a9

61. A computer program product, comprising:  
a computer-readable medium containing instructions for controlling a computer system to perform a method for converting file identifiers for use in generating default storage file names for the corresponding files, the method including:  
receiving an identifier related to a file;  
receiving from a user a request to download the file;  
converting the identifier to a name related to content of the file; and  
automatically displaying the name in a request for a file name for storing the file.

62. The computer program product of claim 61 wherein the receiving the identifier step includes receiving a uniform resource locator related to the file.

63. The computer program product of claim 62 wherein the converting step includes changing a format of the uniform resource locator to accommodate particular web browsers.

64. The computer program product of claim 61 wherein the requesting step includes displaying a screen having a section displaying the name.

65. The computer program product of claim 64 wherein the displaying the screen step includes permitting the user to enter a file name for storing the file.

000000-11520100

